Teacher Notes and Solutions

# Census 2006 Quick Stats Task Teacher Notes

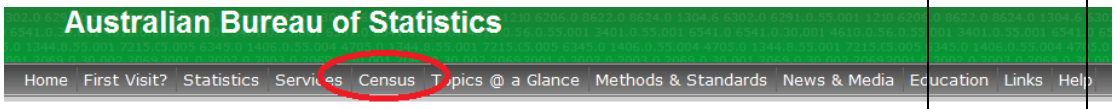
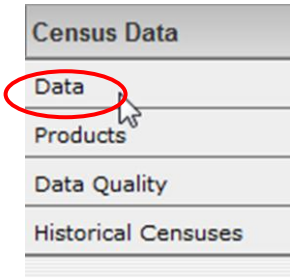
Year level 5 - 7

Topics: Mathematics, percentages
Social Studies, understanding and comparing my community

This task requires internet access for students. If this is not available teachers will need to complete task 1. to select and make copies of the data for students in their class. Students can then start at task 2.

The Education Unit at the Australian Bureau of Statistics is always looking for feedback on its classroom activities as well as new lessons that can be shared with other teachers. If you adapt an ABS lesson, are inspired to create one of your own or have an existing lesson that you would like to share please contact Education Services

## Task 1: Selecting the Data for Your Area

| | Task | Tick when complete |
|---|---|---|
| **1.** | Enter the address www.abs.gov.au into the address bar. | |
| **2.** | Select 'Census' from the global menu that runs horizontally across the top of the homepage.<br>  | |
| **3.** | Select Data under Census Data in the Quicklinks menu that runs down the left hand side of the page.<br>  | |
| **4.** | Go to Quick Stats and select 2006 Quick Stats.<br>Enter your postcode or name of your locality into the Search Box and select Search. | |
| **5.** | Double click on the location you want then select View Quick Stats >. You should see a summary of the Census data that was collected for your area in 2006. Note: data can be selected then copied and pasted into a spreadsheet. | |

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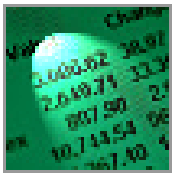
## Task 2: Getting to Know the Data for Your Area



**1.** You will notice that the data for your area has been organised into categories. All Quick Stats categories contain data for that particular area as well as data for the whole of Australia.

**a)** The first category is *Person Characteristics*.

**b)** The second and third categories on the list are
*Age…and* *Selected Characteristics*…

**2.** When we comment on statistical information we usually start by focusing on the areas that are the same as well as those that are very different.

**a)** Write three things that you notice about your area that are what you expected.
*Answers will vary*

**b)** Write three things that you notice about your area that are not what you expected.
*Answers will vary*

**3.** Look at the percentage results for your area compared to the results for Australia.
With the class, discuss how close the percentages between you area and the whole of Australia would be for them to be called similar?
*Answers will vary according to whether the % figures are low or high. Eg a 5% difference is great if the category percentages are low but less significant if the category percentages are high.*

**a)** Discuss with a friend the way(s) in which percentages for your area are similar to the Australian population as a whole? Write them below.
*Answers will vary*

**b)** Choose one of these and use the axes below to draw a side by side bar graph to show the similarities.
*Remember* to give a title to the graph and label your axes
*Answers will vary*

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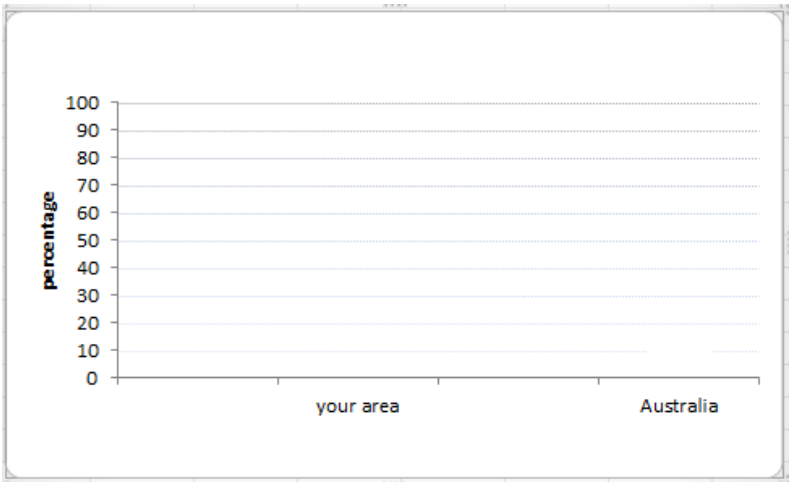
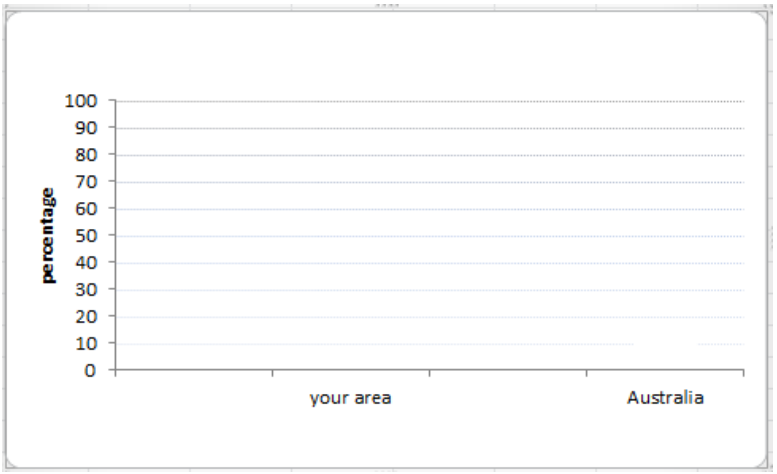



**6. a) Discuss** in what way(s) your area's percentages are very different from the Australian population as a whole? Write them below.

*Answers will vary*

**b)** Draw another side by side bar graph below to show one of the differences.

*Answers will vary*




**7.** You know your region very well. What might be the reasons for these similarities and differences?

*Answers will vary but will benefit from class discussion*

**8.** Imagine you are a journalist for your local newspaper just after these statistics were released.

Write a newspaper report that highlights and summarises the important statistics for your area.

You might want to include what effects they might have on future needs of your area.

*Answers will vary but will benefit from class discussion including how to write a report and identifying community needs from the data.*